

Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 10
 Gaps: 0

US 09 856-070-25 (1-5) x US-09-834-975-688 (1-51)

QY 1 MetLeuArgLeuGln 5

DB 19 ATGCTACGCTTCAC 33

RESULT 2

US-09-974-300-4123

; Sequence 4123, Application US/09474300

; Patent No. US20020146721A1

; GENERAL INFORMATION:

; APPLICANT: Herka, Randy M.

; APPLICANT: Clausen, Ib Groth

; TITLE OF INVENTION: Methods For Monitoring Multiple Gene

; TITLE OF INVENTION: Expression

; FILE REFERENCE: 10085, 530 US

; CURRENT APPLICATION NUMBER: US/09/974,300

; CURRENT FILING DATE: 2001-10-05

; PRIOR APPLICATION NUMBER: 09/680,598

; PRIOR FILING DATE: 2000-10-06

; PRIOR APPLICATION NUMBER: 60/279,526

; PRIOR FILING DATE: 2001-03-27

; NUMBER OF SEQ ID NOS: 8481

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 4123

; LENGTH: 129

; TYPE: DNA

; ORGANISM: Bacillus licheniformis

US-09-974-300-4123

Alignment Scores:
 Pred. No.: 108 Length: 129
 Score: 23.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 10 Gaps: 0

US 09 856-070-25 (1-5) x US-09-974-300-4123 (1-129)

QY 1 MetLeuArgLeuGln 5

DB 66 ATGTTACGACTTCAC 80

RESULT 3

US 09 864-761-20446

; Sequence 20446, Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharon G.

; APPLICANT: Rank, David R.

; APPLICANT: Hanzel, David K.

; TITLE OF INVENTION: HUMAN GENE-DETERMINED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

; FILE REFERENCE: Apmica-X-1

; CURRENT APPLICATION NUMBER: US/09/864,761

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/632,466

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,459

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 20446
 ; LENGTH: 139
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AF000409.1
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL - 18
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 2
 ; OTHER INFORMATION: NT HIT: g11422558, EVALUATE 1.20e+00
 ; OTHER INFORMATION: EST_HUMAN HIT: AA758580.1, EVALUATE 1.80e+00
 ; OTHER INFORMATION: SWISSPROT HIT: Q55029, EVALUATE 6.70e+00
 US-09-864-761-20446

Alignment Scores:
 Pred. No.: 117 Length: 139
 Score: 23.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-864-761-20446 (1-139)

QY 1 MetLeuArgLeuGln 5

DB 60 ATGCTACGCTTCAC 74

RESULT 4

US-09-867-701-219

; Sequence 219, Application US/09867701

; Patent No. US2002013237A1

; GENERAL INFORMATION:

; APPLICANT: Aqale, Paul A.

; APPLICANT: Jones, Robert

; APPLICANT: Harlocker, Susan L.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.497

; CURRENT APPLICATION NUMBER: US/09/867,701

; CURRENT FILING DATE: 2001-05-29

; NUMBER OF SEQ ID NOS: 10912

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 219

; LENGTH: 152

; TYPE: DNA

```

: ORGANISM: Homo sapiens
US-09-867-701-219

Alignment Scores:
Pred. No. 138 Length: 152
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0
DB: 10

US-09-856-070-25 (1-5) x US 09 867-701-219 (1-152)

QY 1 MetLeuArdLeuGln 5
|||||
DB 12 ATGTTAGGCTTCAG 26

RESULT 5
US-09-764-869-39
: Sequence 39, Application US/09/764869
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
: FILE REFERENCE: PC007
: CURRENT APPLICATION NUMBER: US/09/764,869
: CURRENT FILING DATE: 2001-01-17
: Prior application data removed - refer to PALM or file wrapper
: NUMBER OF SEQ ID NOS: 2442
: SOFTWARE: Patentin Ver. 2.0
: SEQ ID NO 39
: LENGTH: 210
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: SITE
: LOCATION: (137)
: OTHER INFORMATION: n equals a,t,g, or c
US-09-764-869-39

Alignment Scores:
Pred. No.: 181 Length: 210
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0
DB: 10

US-09-856-070-25 (1-5) x US-09 764 869 39 (1-210)

QY 1 MetLeuArdLeuGln 5
|||||
DB 132 ATGTTAGGCTTCAG 146

RESULT 6
US-09-864-761-28662/c
: Sequence 28662, Application US/09/864761
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Penn, Sharron G.
: APPLICANT: Rank, David R.
: APPLICANT: Hanzel, David K.
: APPLICANT: Chen, Weisheng
: TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
: FILE REFERENCE: Accmca-x-1
: CURRENT APPLICATION NUMBER: US/09/864,761
: CURRENT FILING DATE: 2001-05-23
: PRIOR APPLICATION NUMBER: US 60/2180 312
: PRIOR FILING DATE: 2000-02-04
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 09/632,366

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: PRIOR FILING DATE: 2000-08-03
: PRIOR APPLICATION NUMBER: GB 24363.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCI/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00663
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00662
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00661
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCI/US01/00670
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: US 60/234,687
: PRIOR FILING DATE: 2000-09-21
: PRIOR APPLICATION NUMBER: US 09/608,408
: PRIOR FILING DATE: 2000-06-30
: PRIOR APPLICATION NUMBER: US 09/774,203
: PRIOR FILING DATE: 2001-01-29
: NUMBER OF SEQ ID NOS: 49117
: SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
: SEQ ID NO 28662
: LENGTH: 219
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: OTHER INFORMATION: MAP TO AC010200.4
: OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1
: OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.8
: OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.85
: OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.75
: OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.9
: OTHER INFORMATION: SWISSEPT HIT: 091739, EVALUE 1.90e-01
: OTHER INFORMATION: NT HIT: AB033057.1, EVALUE 1.00e-120
US-09-864-761-28662

: Alignment Scores:
Pred. No.: 189 Length: 219
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0
DB: 10

US-09-856-070-25 (1-5) x US 09 864-761-28662 (1-219)

QY 1 MetLeuArdLeuGln 5
|||||
DB 150 ATGCTCGGCTTCAG 136

RESULT 7
US-09-864-761-30470
: Sequence 30470, Application US/09/864761
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Penn, Sharron G.
: APPLICANT: Rank, David R.
: APPLICANT: Hanzel, David K.
: APPLICANT: Chen, Weisheng
: TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
: TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

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FILE REFERENCE: Acomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/632,356
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GR 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 04/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Autonomax Sequence Listing Engine vers. 1.1
SEQ ID NO 30470
LENGTH: 226
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO APOBQ494.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1
OTHER INFORMATION: NT HIT: AJ012116.1, EVALUATE 1.40e-01
OTHER INFORMATION: EST_HUMAN HIT: R56395.1, EVALUATE 1.40e-01
OTHER INFORMATION: SWISSPROT HIT: Q03490, EVALUATE 3.90e+00
US-09-864,761-30470

Alignment Scores:
Pred. No.: 195 Length: 226
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-864-761-30470 (1-226)

QY 1 MetLeuArqLeuGln 5
|||||

DB 108 ATGTTGAGGTTGAG 122

RESULT 8

US-09-764-869-572/c
Sequence 572, Application US/09/64869
Patent No. US20020061521A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: p007
CURRENT APPLICATION NUMBER: US/09/764,869
CURRENT FILING DATE: 2001-01-17
Prior application data removed refer to PAM or file wrapper
NUMBER OF SEQ ID NOS: 2442
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 572
LENGTH: 249
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (207)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (246)
OTHER INFORMATION: n equals a,t,g, or c
US-09-764-869-572

Alignment Scores:
Pred. No.: 216 Length: 249
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-764-869-572 (1-249)

QY 1 MetLeuArqLeuGln 5
|||||

DB 58 AUGCTGACATTACAG 44

RESULT 9

US-09-878-574-11486
Sequence 11486, Application US/09/878574
Patent No. US20020110548A1
GENERAL INFORMATION:

APPLICANT: Hyrum, Joseph R.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Thompson, Michael D.

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with

TITLE OF INVENTION: Plants

FILE REFERENCE: 38-21(15401)B

CURRENT APPLICATION NUMBER: US/09/878,574

CURRENT FILING DATE: 2001-12-21

PRIOR APPLICATION NUMBER: 09/333,535

PRIOR FILING DATE: 1999-06-14

NUMBER OF SEQ ID NOS: 15775

SEQ ID NO 11486

LENGTH: 255

TYPE: DNA

ORGANISM: Glycine max

OTHER INFORMATION: Clone ID: 701064494H1

US-09-878-574-11486

Alignment Scores:
Pred. No.: 222 Length: 255
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-878-574-11486 (1-255)

QY 1 MetLeuArqLeuGln 5
|||||

DB 180 AUGCTGACATTACAG 194

RESULT 10

US-10-046-935-1795

```

: Sequence 1795, Application US/10046935
: Patent No. US20020156011A1
: GENERAL INFORMATION:
: APPLICANT: Jiang, Yuqiu
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Secrist, Heather
: APPLICANT: Wang, Aijun
: APPLICANT: Stolk, John A.
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210121.527C1
: CURRENT APPLICATION NUMBER: US/10/046,935
: CURRENT FILING DATE: 2002-01-15
: NUMBER OF SEQ ID NOS: 2239
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1795
: LENGTH: 256
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: 228
: OTHER INFORMATION: n = A,T,C or G
US-10-046-935-1795

```

```

Alignment Scores:
Pred. No.: 222 Length: 256
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

```

```
US-09-856-070-25 (1-5) x US-10-046-935-1795 (1-256)
```

```

Qy 1 MetLeuArqLeuGln 5
Db 14 ATGCTCAGGCTTCAG 28

```

RESULT 11

```

US-09-878-178-1795
: Sequence 1795, Application US/09878178
: Patent No. US20020177552A1
: GENERAL INFORMATION:
: APPLICANT: Jiang, Yuqiu
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Secrist, Heather
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210121.527
: CURRENT APPLICATION NUMBER: US/09/878,178
: CURRENT FILING DATE: 2001-06-08
: NUMBER OF SEQ ID NOS: 2237
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1795
: LENGTH: 256
: TYPE: DNA
: ORGANISM: Homo sapien
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)...(256)
: OTHER INFORMATION: n = A,T,C or G
US-09-878-178-1795

```

```

Alignment Scores:
Pred. No.: 222 Length: 256
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

```

```
US-09-856-070-25 (1-5) x US-09-878-178-1795 (1-256)
```

```

Qy 1 MetLeuArqLeuGln 5
Db 14 ATGCTCAGGCTTCAG 28
RESULT 12
US-10-046-935-289/c
: Sequence 289, Application US/10046935
: Patent No. US20020156011A1
: GENERAL INFORMATION:
: APPLICANT: Jiang, Yuqiu
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Secrist, Heather
: APPLICANT: Wang, Aijun
: APPLICANT: Stolk, John A.
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210121.527C1
: CURRENT APPLICATION NUMBER: US/10/046,935
: CURRENT FILING DATE: 2002-01-15
: NUMBER OF SEQ ID NOS: 2239
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 289
: LENGTH: 257
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-046-935-289

```

```

Alignment Scores:
Pred. No.: 223 Length: 257
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

```

```
US-09-856-070-25 (1-5) x US-10-046-935-289 (1-257)
```

```

Qy 1 MetLeuArqLeuGln 5
Db 243 ATGCTCAGGCTTCAG 229

```

RESULT 13

```

US-09-878-178-289/c
: Sequence 289, Application US/09878178
: Patent No. US20020177552A1
: GENERAL INFORMATION:
: APPLICANT: Jiang, Yuqiu
: APPLICANT: Harlocker, Susan L.
: APPLICANT: Secrist, Heather
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: FILE REFERENCE: 210121.527
: CURRENT APPLICATION NUMBER: US/09/878,178
: CURRENT FILING DATE: 2001-06-08
: NUMBER OF SEQ ID NOS: 2237
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 289
: LENGTH: 257
: TYPE: DNA
: ORGANISM: Homo sapien
US-09-878-178-289

```

```

Alignment Scores:
Pred. No.: 223 Length: 257
Score: 23.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

```

```
US-09-856-070-25 (1-5) x US-09-878-178-289 (1-257)
```

QY 1 MetLeuArgLeuGln 5
 Db 243 ATGCTCAGGCTTCAG 229

RESULT 14

US-09-974-300-4965
 ? Sequence 4965, Application US/09974300
 ? Patent No. US2002014572A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Herka, Randy M.
 ? TITLE OF INVENTION: Methods For Monitoring Multiple Gene
 ? FILE REFERENCE: Expression
 ? CURRENT APPLICATION NUMBER: US/09974300
 ? PRIOR FILING DATE: 2001-10-05
 ? PRIOR APPLICATION NUMBER: 09/680,598
 ? PRIOR FILING DATE: 2000-10-06
 ? PRIOR APPLICATION NUMBER: 60/279,526
 ? NUMBER OF SEQ ID NOS: 8481
 ? SOFTWARE: FASTSEQ for Windows Version 4.0
 ? SEQ ID NO 4965
 ? LENGTH: 267
 ? TYPE: DNA
 ? ORGANISM: Bacillus clausii
 US-09-974-300-4965

Alignment Scores:
 Pred. No.: 244 Length: 267
 Score: 24.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-974-300-4965 (1-267)

QY 1 MetLeuArgLeuGln 5
 Db 63 ATGCTCAGGCTTCAG 77

RESULT 15

US-09-783-590-11605
 ? Sequence 11605, Application US/09783590
 ? Patent No. US20020110850A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Dillon, Patrick J.
 ? APPLICANT: Haseltine, William A.
 ? APPLICANT: Li, Baodong
 ? APPLICANT: Rosen, Craig A.
 ? APPLICANT: Ruben, Steven M.
 ? TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
 ? FILE REFERENCE: P0-16,201
 ? CURRENT APPLICATION NUMBER: US/09/783,590
 ? PRIOR FILING DATE: 2000-02-15
 ? PRIOR APPLICATION NUMBER: 08/420,856
 ? PRIOR FILING DATE: 1995-04-12
 ? PRIOR APPLICATION NUMBER: 08/346,731
 ? PRIOR FILING DATE: 1994-11-21
 ? NUMBER OF SEQ ID NOS: 12485
 ? SOFTWARE: PatentIn Ver. 2.0
 ? SEQ ID NO 11605
 ? LENGTH: 274
 ? TYPE: DNA
 ? ORGANISM: Homo sapiens
 ? FEATURE:
 ? NAME/KEY: misc feature
 ? LOCATION: (14)
 ? OTHER INFORMATION: n equals a,t,g, or c
 ? NAME/KEY: misc feature
 ? LOCATION: (82)
 ? OTHER INFORMATION: n equals a,t,g, or c

? NAME/KEY: misc feature
 ? LOCATION: (122)
 ? OTHER INFORMATION: n equals a,t,g, or c
 ? NAME/KEY: misc feature
 ? LOCATION: (127)
 ? OTHER INFORMATION: n equals a,t,g, or c
 ? NAME/KEY: misc feature
 ? LOCATION: (196)
 ? OTHER INFORMATION: n equals a,t,g, or c
 ? NAME/KEY: misc feature
 ? LOCATION: (265)
 ? OTHER INFORMATION: n equals a,t,g, or c
 ? NAME/KEY: misc feature
 ? LOCATION: (272)
 ? OTHER INFORMATION: n equals a,t,g, or c
 US-09-783-590-11605
 Alignment Scores:
 Pred. No.: 249 Length: 274
 Score: 24.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 10 Gaps: 0

US-09-856-070-25 (1-5) x US-09-783-590-11605 (1-274)

QY 1 MetLeuArgLeuGln 5
 Db 180 ATGCTCAGGCTTCAG 194

Search completed January 16, 2003, 21:46:15
 Job time: 20.4286 secs